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3. DISPLAY DEVICE

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APPLICANT(S)- SONY CORP

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PROBLEM TO BE SOLVED: To display different colors in accordance with driving voltage and driving time by utilizing colored electrophoretic particles.

SOLUTION: Cyan, magenta and yellow or red, green and blue colored electrophoretic particles 7 having different electrophoretic mobilities according to color are separately incorporated into black colored dispersion medium 6 filled into microcapsules 5 forming a microcapsule layer 9. The colored electrophoretic particles having mutually different colors have mutually different electrophoretic mobilities and different colors are displayed by applying electric fields different from each other in intensity, direction, application time or the like to the resulting display medium.

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